

The TZUY STEAM TURBINE used for electricity generation

After the calamities like typhoons, floods and earthquakes dependable lighting systems are needed at night. It took weeks or months for the electricity to be restored in populated and in remote areas. Electricity from gasoline or diesel-fed electric generators are dependable only on a limited basis. When it comes to an extended electrical services it's quite impractical to use petroleum fuels to operate electric generators especially in remote areas.

Steam-powered electric generators are more practical to use because farm fuels are readily available, cheap and usually free. Unlike gasoline and diesel fuels besides that it's expensive to burn the prices of fuels are unstable.

What we only need to produce steam power to operate electric generator is to boil clean water inside the boiler. Once the needed steam pressure is attained a valve can be opened to release the high pressure steam to spin the TWIN-ROTOR TZUY TURBINE coupled to the electric generator.

It's an advantage if we have a stand-by steam-powered electric generator. We can have a reliable supply of electricity as long as we want. Even in remote villages, the people will enjoy the blessings of having an independent electric power supply. They can watch news and t.v. programs via satellite.

Not only that! Steam-powered small boats can become popular today due to the fact that diesel and gasoline fuels are very expensive to power internal combustion engines. The TZUY TURBINE can be designed to fit the steam-powered boats. It's more practical to use external combustion engines in a short trip sea travel, in farms and in remote places.

Some nations like the Philippines have scattered islands. Ferrying local produce can become less expensive and the price of the products can truly be affordable to all.